

July 2, 2008 – NPP FM5 Reports

CERES RDR Processing

- Work on Level-0 preprocessor continues. The proper transformations for attitude and ephemeris data have been worked out. Code for performing the transformations will be completed in the coming week. Program to produce sample data is yet to be written. (Alford)

VIIRS Radiance/Geolocation Subsets

- From one orbit VIIRS granules produced at Goddard, noticed that certain SDSs for some short wave channels do not exit during night time. Significantly modified (or re-wrote) VIIRS subsetter to adapt this situation and have a fixed number of SDSs as the output from VIIRS subsetter. (Chen, Sun-Mack)
- Communicated with Gang Ye regarding putting geolocation SDSs for Day-Night-Bands. Received 2 new DNB granules with the new DNB geos. Modified VIIRS subsetter to include and output DNB SDSs. (Chen, Sun-Mack)

VIIRS Aerosol Reader

- No report received.

Toolkit Issues

- No report received.

System Engineering/Management Topics

- A telecon was held with Bob Schweiss to review his comments on the CERES Science and Data Products Working Agreement. Erika Geier, Mike Little, Lee Boden, Jim Closs, and John Robbins attended at Langley. (Miller)
- Comments received from Bob Schweiss, Jim Gleason, and Mike Cisewski were added to the draft CERES Science and Data Products Working Agreement. (Miller)